



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

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IN REPLY PLEASE  
REFER TO FILE: **C-1**

December 31, 2002

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

### **CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS ALL SUPERVISORIAL DISTRICTS 3 VOTES**

#### **IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000035 - 80th Street Drain, City of Los Angeles (2), Van Elk, Ltd., in amount of \$10,455.40.

Project ID No. FCC0000566 - Alameda Street Drain, Phase 3-B, Pump Station and Outlet Structure at Compton Creek, vicinity of Rancho Dominguez (2), Brutoco Engineering and Construction, Inc., in amount of \$11,827.

Project ID No. FCC0000650 - Newhall Creek - Invert Access Ramp, City of Santa Clarita (5), Radich Construction, Inc., in amount of \$6,750.

Project ID No. FCC0000678, Blue Sky Drain - Unit 2, vicinity of Hacienda Heights (4), O'Duffy Construction, in amount of \$24,850.

Project ID No. FCC0000844 - Los Angeles River Invert Access Ramp at Kelvin Project 112 Weir and Los Angeles River Repair Downstream of De Soto Avenue, City of Los Angeles (3), Southwest Engineering, Inc., in amount of \$11,686.

Project ID No. RDC0011239 - Angeles Vista Boulevard, et al., vicinities of Windsor Hills and View Park (2), Sully-Miller Contracting Company, in amount of \$212,475.92.

Project ID No. RDC0011265 - Atlantic Avenue - Phase 2, vicinity of Compton (2), Southern California Underground Contractors, Inc., in amount of \$62,600.

Project ID No. RDC0011485 - Crenshaw Boulevard, City of Rolling Hills Estates (4), Excel Paving Company, in amount of \$41,050.

Project ID No. RDC0011605 - Florence Avenue, Metro Blue Line to Salt Lake Avenue, vicinities of Huntington Park and Bell (1), HPD, Inc., in amount of \$245,025.

Project ID No. RDC0011991 - Norwalk Boulevard, et al., vicinity of Santa Fe Springs (1), R. J. Noble Company, in amount of \$123,196.10.

Project ID No. RDC0013021 - Garfield Avenue, et al., vicinity of East Los Angeles (1), Security Paving Company, in amount of \$55,334.

Project ID No. RDC0013206 - Prairie Avenue, et al., vicinity of Hawthorne (2), HPD, Inc., in amount of \$115,157.50.

Project ID No. RDC0013428 - Crenshaw Boulevard, et al., vicinity of Gardena (2), All American Asphalt, in amount of \$59,592.

Project ID No. RDC0013360 - Southside Drive, et al., vicinity of Montebello (1), Security Paving Company, Inc., in amount of \$9,373.

Project ID No. RDC0013657 - Saddle Peak Road, vicinity of Malibu (3), Sully-Miller Contracting Company, in amount of \$11,100.

Project ID No. RDC0014008 - Townsend Avenue, vicinity of East Los Angeles (1), Sully-Miller Contracting Company, in amount of \$18,750.

Project ID No. RMD3467011 - Road Division 432 Resurface, 2002, vicinity of Rancho Palos Verdes (4), All American Asphalt, in amount of \$176,350.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your ratification are changes in work which I ordered for Project ID Nos. FCC0000650 and RDC0013360.

Also enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000035, FCC0000566, FCC0000678, FCC0000844, RDC0011239, RDC0011265, RDC0011485, RDC0011605, RDC0011991, RDC0013021, RDC0013206, RDC0013428, RDC0013657, RDC0014008, and RMD3467011.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$6,750.00 to \$245,025.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
December 31, 2002  
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**CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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Enc. 17

cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. FCC0000035, 80TH STREET DRAIN (City of Los Angeles),  
Supervisory District 2, Contractor: Van Elk, Ltd.

Project Description:

Construction of a reinforced concrete pipe storm drain.

Changes in Work:

(1) Variations in Bid Quantities	(\$ 4,444.60)
(2) Reconstruct Cross-Gutter	1,000.00
(3) Traffic Signal Modification	9,600.00
(4) Install 3" Conduit	2,000.00
(5) Remove and Replace 8" Sewer	<u>2,300.00</u>
Total	<u>\$10,455.40</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The decrease in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to reconstruct the westerly cross-gutter at 78th Street and Hoover Avenue in order to allow water to flow across the intersection.

(3 and 4) In order to meet the City of Los Angeles Department of Transportation requirements, it will be necessary to modify the traffic signals and pull boxes and install 3" conduit in lieu of 2" conduit at the intersections of 76th and 79th Streets with Hoover Avenue.

(5) It will be necessary to remove and replace 16' of 8" sewer since it will interfere with construction of the new storm drain.

The costs for Item 1 will be based on contract unit prices. The costs for items 2, 4, and 5 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 3 was negotiated as provided in Subsection 3-2 of the contract specifications.

Thirty-eight additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$529,330.00
Actual cost of changes in work previously approved by the Board	37,980.50
Changes in work authorized by Director of Public Works	<u>10,455.40</u>
Revised contract amount	<u>\$577,765.90</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. FCC0000566, ALAMEDA STREET DRAIN, PHASE 3-B, PUMP STATION AND OUTLET STRUCTURE AT COMPTON CREEK (in the vicinity of Rancho Dominguez), Supervisorial District 2,  
Contractor: Brutoco Engineering and Construction, Inc.

Project Description:

Construction of a pump station, an outlet structure, and other appurtenant work.

Changes in Work:

(1) Regrade Driveway and Place Crushed Miscellaneous Base	\$ 2,000.00
(2) 16" Diameter Ductile Iron Pipe	4,500.00
(3) Removal of Abandoned Concrete Footing	400.00
(4) Exterior Exhaust System Modification	1,200.00
(5) Damper Motor Modification	1,155.53
(6) Gas Meter Fence Enclosure	2,215.95
(7) Additional Relay Switch	<u>355.52</u>
Total	<u>\$11,827.00</u>

Description of Changes:

(1) The contract plans call for the installation of a block retaining wall and a driveway to the pump house. The grade of the driveway needs to be adjusted in order to meet the existing grade of the Compton Creek access road and to maintain the 15' width from the retaining wall to the curb as required by the contract plans. The cost for this work also includes the placement of crushed miscellaneous base under the driveway apron.

(2) Your Board previously approved a change in work to install 110 linear feet of 16" diameter ductile iron pipe that will service the future Alameda Phase 3-C Pump station. The cost for this work will exceed the original estimate by the amount shown.

(3) An abandoned concrete footing was encountered which interferes with a 4" conduit to be installed. The footing was not shown on the contract plans. It will be necessary to remove and dispose of the footing.



(4) The exterior exhaust pipes shown on the contract plans are directed upwards. However, to keep water from entering to the exhaust system, two 90 degree elbows are needed.

(5) It will be necessary to install a transformer and electrical conduit in order to operate the damper motor. This work is not shown on the plans.

(6) It will be necessary to install a protection cage around the new gas meter installed by The Gas Company. This cage will protect the meter from possible vandalism.

(7) To ensure proper operation, it will be necessary to add a relay switch to the gas detection and intrusion panel and to change a light in the motor control cabinet. This work is not shown on the plans.

A portion of the costs for Item 1 will be based on contract unit prices. The balance of the costs for Item 1 and the costs for Items 2 through 4 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 5 through 7 were negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contact amount	\$3,159,842.00
Changes in work previously approved by the Board	70,676.00
Changes in work to be authorized	<u>11,827.00</u>
Revised contract amount	<u>\$3,242,345.00</u>

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CHANGE IN WORK (RATIFY)  
December 31, 2002

PROJECT ID NO. FCC0000650, NEWHALL CREEK-INVERT ACCESS RAMP (City of Santa Clarita), Supervisorial District 5, Contractor: Radich Construction, Inc.

Project Description:

Construction of a reinforced concrete channel invert access ramp, curb, gutter, chainlink fence, and gates.

Changes in Work:

(1) Construct Larger Invert Access Ramp Footings and Regrade Side Slope	\$3,300.00
(2) Relocate Light Standard Conduit and Pole	2,500.00
(3) Remove Additional Headwall Curbing	<u>950.00</u>
Total	<u>\$6,750.00</u>

Description of Changes:

(1) During excavation for the invert access ramp footings, poor soil conditions were encountered. It was necessary to construct larger footings for the ramp and to regrade the side slope in order to match the field conditions. This work is not shown on the plans.

(2) In order to construct a commercial driveway, it was necessary to relocate an existing light standard conduit and pole. This work is not shown on the plans.

(3) It was necessary to remove an additional 5' of headwall curbing in order to construct the proposed driveway approach. This work is not shown on the plans.

The costs for Items 1, 2, and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Seven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$64,508.00
Changes in work to be ratified	<u>6,750.00</u>
Revised contract amount	<u>\$71,258.00</u>

CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. FCC0000678, BLUE SKY DRAIN - UNIT 2 (in the vicinity of Hacienda Heights), Supervisorial District 4, Contractor: O'Duffy Construction

Project Description:

Construction of a reinforced concrete pipe storm drain.

Changes in Work:

(1) Realign New Mainline	\$16,243.00
(2) Unmarked 4" Steel Line	4,500.00
(3) Downtime Due to Interfering Gas Line	<u>4,107.00</u>
Total	<u>\$24,850.00</u>

Description of Changes:

(1) Your Board previously approved a change in work for the contractor to realign the mainline storm drain at the downstream end of Blue Sky Road to avoid interference with an existing 8" waterline. The cost of this work will exceed the original estimate by the amount shown.

(2) Your Board previously approved a change in work for the contractor to hand excavate around a 4" steel line that was unmarked and not shown on the plans. The cost of this work will exceed the original estimate by the amount shown.

(3) During excavation of the trench for the mainline storm drain, the contractor encountered a gasline that interfered with the placement of the pipe. It will be necessary to compensate the contractor for the delay costs while the gas company relocated the gasline, which was not shown on the plans.

The costs for Items 1 through 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

One additional working day will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$133,459.00
Changes in work previously approved by the Board	29,158.00
Changes in work to be authorized	<u>24,850.00</u>
Revised contract amount	<u>\$187,467.00</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. FCC0000844, LOS ANGELES RIVER INVERT ACCESS RAMP AT  
KELVIN PROJECT 112 WEIR AND LOS ANGELES RIVER REPAIR DOWNSTREAM  
OF DE SOTO AVENUE (City of Los Angeles), Supervisorial District 3,  
Contractor: Southwest Engineering, Inc.

Project Description:

Construction of an invert access ramp and repair of levee lining and invert in the Los Angeles River.

Changes in Work:

(1) Variations in Bid Quantities	\$ 3,905.00
(2) Remove and Replace Chainlink Fence	5,781.00
(3) Slurry Backfill Behind Retaining Wall	<u>2,000.00</u>
Total	<u>\$11,686.00</u>

Description of Changes:

(1) The original contract amount was based upon estimated quantities of the various bid items. The contractor was paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) To complete the project as originally intended, it will be necessary to remove an existing deteriorated chainlink fence and replace it with a new fence. This work is not shown on the plans.

(3) To ensure adequate compaction behind a reinforced concrete retaining wall, it will be necessary to use concrete slurry backfill. This work is not shown on the plans.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 were negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 946,568.00
Changes in work previously approved by the Board	125,000.00
Changes in work to be authorized	<u>11,686.00</u>
Revised contract amount	<u>\$1,083,254.00</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0011239, ANGELES VISTA BOULEVARD, ET AL.  
(in the vicinities of Windsor Hills and View Park), Supervisorial District 2,  
Contractor: Sully-Miller Contracting Company

Project Description:

Resurfacing and reconstruction of roadway pavement.

Changes in Work:

(1) Pavement Reconstruction	\$ 44,000.00
(2) Remove and Replace Concrete Driveways and Sidewalk	12,800.00
(3) Additional Unclassified Excavation	27,775.00
(4) Additional Excavation Costs	40,000.00
(5) Exploratory Excavations and Roadway Repair	3,500.00
(6) Increase in Material and Trucking Costs	72,180.92
(7) Removal of Portland Cement Concrete Median, Mobilization and Stamped Concrete	<u>12,220.00</u>
Total	<u>\$212,475.92</u>

Description of Changes:

(1) In order to join match the new pavement elevation in Angeles Vista Boulevard, it will be necessary to remove and reconstruct sections of asphalt concrete on all of the side streets between Valley Ridge Avenue and Olympiad Drive. This work is not shown on the plans.

(2) Your Board previously approved a change in work to remove and replace existing concrete sidewalk and driveways, on both sides of Angeles Vista Boulevard, in order to match the new flow line and top of curb elevations. The cost of this work will exceed the original estimate by the amount shown.

(3) Actual field measurements and calculations are greater than the estimated contract quantity for the item "Unclassified Excavation." It will be necessary to compensate the contractor for the additional quantity required to complete the work according to the plans.

(4) Due to the installation of a new 16" waterline, shallow utility pipes were abandoned in place on Angeles Vista Boulevard between Valley Ridge Avenue and Olympiad Boulevard. This change will require the contractor to change his method of excavating. The contractor must be reimbursed for the additional excavation and traffic control costs.

(5) At Angeles Vista Boulevard and Valley Ridge Avenue, the pavement has subsided in the middle of the intersection. Therefore, it will be necessary to perform exploratory excavations to determine the cause of the settlement and to make necessary repairs.

(6) Due to this project being delayed to install a new water main, the contractor has had to export excavated material to a further location than originally planned. In addition, the contractor must be reimbursed for increases in the costs of asphalt concrete and crushed aggregate base. Public Works will seek reimbursement from California-American Water Company for these increases in costs.

(7) Your Board previously approved a change in work to replace existing asphalt concrete medians with stamped colored concrete in order to enhance the appearance of these medians. Additional median areas have been identified, which would benefit from this treatment. Thus the cost for this work will exceed the original estimate by the amount shown.

The costs for Items 1, 5, and a portion of the cost for Item 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 2 and 3 will be based on contract unit prices. The costs for Items 4, 6, and the balance of the cost for Item 7 were negotiated as provided in Subsection 3-2 of the project specifications.

Twenty-three additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,337,152.83
Changes in work previously approved by the board	147,410.00
Changes in work to be authorized	<u>212,475.92</u>
Revised contract amount	<u><u>\$1,697,038.75</u></u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0011265, ATLANTIC AVENUE - PHASE 2 (in the vicinity of Compton), Supervisorial District 2, Contractor: Southern California Underground Contractors, Inc.

Project Description:

Reconstruction of roadway pavement, curb, gutter, sidewalk, driveways, alley intersections, and cross gutters; construction of reinforced concrete pipe storm drain, manholes, catch basins, curb ramps, and bus pads; planting and pruning of parkway trees; and modification of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$36,500.00
(2) Concrete Wall, Concrete Walkway, Metal Hand Railing	16,500.00
(3) Saw Cut and Remove Concrete	1,200.00
(4) Additional Concrete Removal	<u>8,400.00</u>
Total	<u>\$62,600.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual bid quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) At the southeast corner of Atlantic Avenue and Linsley Street, the plans and specifications required that the elevation of the new sidewalk and roadway improvements be lower than the existing street. In order to provide safe and convenient access to the business at this location, it will be necessary to construct a concrete ramp from the new sidewalk to the entrance of the business. The ramp will include handrails.

(3) The existing curb and gutter was cast monolithically with the stamped concrete crosswalk at the intersection of Atlantic Avenue and Compton Boulevard. It will be necessary to saw cut the 14" thick concrete in order to remove and reconstruct the existing curb and gutter. This work is not shown on the plans.

(4) Your Board previously approved a change in work for additional concrete removal required to complete the project. The cost for this work will exceed the original estimate by the amount shown.

The costs for Items 1 and 2 will be negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 3 and 4 will be based on contract unit prices.

One additional working day will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,030,820.00
Changes in work previously approved by the Board	409,405.00
Changes in work to be authorized	<u>62,600.00</u>
Revised contract amount	<u><u>\$1,502,825.00</u></u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0011485, CRENSHAW BOULEVARD (City of Rolling Hills Estates),  
Supervisory District 4, Contractor: Excel Paving Company

Project Description:

Resurfacing and reconstruction of roadway pavement; reconstruction of curb, gutter, sidewalk, and driveways; construction of concrete block slough walls and parkway culverts; installation of wood rail fence and mulch materials; injection of hydrated lime slurry; and modification of traffic signals.

Changes in Work:

(1) Install Solar Signs	\$17,500.00
(2) Leveling Course	3,900.00
(3) Provide Flagman	13,050.00
(4) Cement Slurry Injection	<u>6,600.00</u>
Total	<u>\$41,050.00</u>

Description of Changes:

(1) Your Board previously approved a change in work to install four solar signs to advise motorists of traffic conditions in the project area. These signs will be required for a longer period than originally anticipated. The cost for this work will exceed the original estimate by the amount shown.

(2) Your Board previously approved a change in work to construct a leveling course to smooth out numerous irregularities in the existing roadway pavement. The cost for this work will exceed the original estimate by the amount shown.

(3) Your Board previously approved a change in work to provide a flagman to direct the heavy traffic in the project area. Since the contract duration has been extended because of unexpected site conditions, the cost for this work will exceed the original estimate by the amount shown.

(4) Your Board previously approved a change in work to compensate the contractor for the additional injection of cement slurry to stabilize the soil in the northerly portion of the project. The cost for this work will exceed the original estimate by the amount shown.

The costs for Items 1 through 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 4 will be based on the contract unit price.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 938,920.78
Changes in work previously approved by the Board	480,134.00
Changes in work to be authorized	<u>41,050.00</u>
Revised contract amount	<u>\$1,460,104.78</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0011605, FLORENCE AVENUE, METRO BLUE LINE TO SALT LAKE AVENUE (in the vicinities of Huntington Park and Bell), Supervisorial District 1,  
Contractor: HPD, Inc.

Project Description:

Resurfacing of roadway pavement and construction of bus pads, curb, and gutter.

Changes in Work:

(1) Additional Miscellaneous Concrete Work	\$212,000.00
(2) Reconstruction of Concrete Cross Gutters	16,625.00
(3) Installation of Root Barriers	2,300.00
(4) Saw Cutting Curb and Gutter	8,000.00
(5) Type III Barricade	<u>6,100.00</u>
Total	<u>\$245,025.00</u>

Description of Changes:

(1) Since the contract plans were prepared, there has been additional deterioration of curb and gutter, driveways, and curb ramps. In order to complete this project in a manner that will satisfactorily serve the community, it will be necessary to remove and reconstruct the deteriorated items.

(2) To provide proper drainage, it will be necessary to reconstruct four concrete cross gutters which were not included in the original plans.

(3) Ten trees will require root barriers to prevent damage to the new sidewalks.

(4) The plans call for grinding off a portion of a 5' wide concrete gutter and replacing the concrete with asphalt pavement. It will be necessary to saw cut the existing gutter in order to provide a smooth join between the remaining gutter and the new pavement. This work is not shown on the plans.

(5) The contract specifications call for the agency to provide detours during bus pad construction. The agency did not have a sufficient supply of Type III barricades and directed the contractor to provide the additional barricades. The contractor is entitled to be compensated for the barricades.

The costs for Item 1 will be partially based on contract unit prices and partially negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 2 through 4 will be negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 5 will be based on time and material methods as provided in Subsection 3-3 of the contract specifications.

Thirty-three additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 940,700.74
Changes in work to be authorized	<u>245,025.00</u>
Revised contract amount	<u>\$1,185,725.74</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0011991, NORWALK BOULEVARD, ET AL. (in the vicinity of Santa Fe Springs), Supervisorial District 1, Contractor: R. J. Noble Company

Project Description:

Reconstruction and resurfacing of roadway pavement; reconstruction of curb, gutter, sidewalk, and driveways; construction of bus pads and curb ramps; and modification of traffic signals.

Changes in Work:

(1) Additional Concrete Removal, Unclassified Excavation, and Crushed Miscellaneous Base	\$117,706.10
(2) Planting of Trees	1,590.00
(3) Remove and Replace Damaged Sections of Curb Drain	<u>3,900.00</u>
Total	<u>\$123,196.10</u>

Description of Changes:

(1) The amount of concrete removed, unclassified excavation, and crushed miscellaneous base required to construct the project will be greater than shown on the schedule of prices. The unit prices for the additional material were renegotiated.

(2) To meet the intent of the design, it will be necessary to plant three additional trees on Norwalk Boulevard. This work is not shown on the plans.

(3) During the removal of nonreinforced concrete, the contractor damaged a reinforced concrete curb drain that was not shown on the plans. It will be necessary to remove and replace the damaged sections of the drain.

The cost for Item 1 was negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Ten additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$565,474.49
Changes in work to be authorized	<u>123,196.10</u>
Revised contract amount	<u>\$688,670.59</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0013021, GARFIELD AVENUE, ET AL. (in the vicinity of East Los Angeles), Supervisorial District 1, Contractor: Security Paving Company

Project Description:

Resurfacing and reconstruction of roadway pavement; reconstruction of curb, gutter, sidewalk, driveways, and alley intersections; construction of curb ramps, cross gutter, and bus pads; restoration of median landscaping and sprinkler system; and restoration of traffic loop detectors.

Changes in Work:

(1) Additional Work	\$31,244.00
(2) Street-Light Standards Grout Caps	17,490.00
(3) Revisions to Curb and Gutter Elevations	<u>6,600.00</u>
Total	<u>\$55,334.00</u>

Description of Changes:

(1) In order to meet the intent of the design, it will be necessary to remove and replace additional deteriorated areas of curb, gutter, driveways, and alley intersections. This work was not shown on the plans.

(2) It will be necessary to grout the base-plate assemblies of the street lighting poles in order to match the elevation of the new sidewalk. No bid item was included in the plans for this work.

(3) It will be necessary to revise the elevation for the proposed curb and gutter to match the existing field conditions. The contractor must be compensated for the additional work resulting from these revisions and for performing this work out of sequence.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 were negotiated as provided in Subsection 3-2 of the contract specifications.

Fourteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$574,124.20
Changes in work previously approved by the Board	144,302.50
Changes in work to be authorized	<u>55,334.00</u>
Revised contract amount	<u>\$773,760.70</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0013206, PRAIRIE AVENUE, ET AL. (in the vicinity of Hawthorne),  
Supervisory District 2, Contractor: HPD, Inc.

Project Description:

Reconstruction of roadway pavement, curb, gutter, driveways, sidewalk, and cross gutter; construction of curb, gutter, and curb ramps; removal, root pruning, and planting of parkway trees; and modification of traffic signals.

Changes in Work:

(1) Remove and Reconstruct Additional Sidewalk, Driveways, and Curb Ramps	\$ 82,600.00
(2) Additional Unclassified Excavation and Select Subbase	20,930.00
(3) Additional Tree Removal	8,250.00
(4) Modification of Chainlink Fence Height	<u>3,377.50</u>
Total	<u>\$115,157.50</u>

Description of Changes:

(1) To meet the intent of the design, it will be necessary to remove and replace additional areas of damaged sidewalk, driveways, and curb ramps within the project limits. This work is not shown on the plans.

(2) It will be necessary to excavate 6" of expansive material under the sidewalks and replace it with 6" of select subbase. This work is not shown on the plans.

(3) To meet the intent of the design, it will be necessary to remove an additional 15 parkway trees. This work is not shown on the plans.

(4) In order to properly complete the project, it will be necessary to increase the height of the chainlink fence shown on the plans.

The costs for Items 1, 2, and 3 will be based on contract unit prices. The cost for Item 4 was negotiated as provided in Subsection 3-2 of the contract specifications.

Thirty-four additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$2,021,201.15
Changes in work previously approved by your Board	14,000.00
Changes in work to be authorized	<u>115,157.50</u>
Revised contract amount	<u>\$2,150,358.65</u>

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CHANGE IN WORK (RATIFY)  
December 31, 2002

PROJECT ID NO. RDC0013360, SOUTHSIDE DRIVE, ET AL. (in the vicinity of Montebello), Supervisorial District 1, Contractor: Security Paving Company, Inc.

Project Description:

Resurfacing and reconstruction of roadway pavement; reconstruction of curb, gutter, sidewalk, driveways, alley intersections, cross gutters, curb ramps, catch basins, and local depressions; the installation of reinforced concrete pipe; the root pruning of parkway trees; and the modification of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$1,873.00
(2) Install New Traffic Signal Conduit	<u>7,500.00</u>
Total	<u>\$9,373.00</u>

Description of Changes:

(1) The original contract amount was based upon estimated quantities of the various bid items. The contractor was paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Due to the poor condition of an existing traffic signal conduit, it was necessary to install a new 2" conduit. This work is not shown on the plans.

The costs for Item 1 were based on contract unit prices. The cost for Item 2 was based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Eight additional working days were required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 998,820.65
Changes in work previously approved by the Board	436,359.40
Changes in work to be ratified	<u>9,373.00</u>
Revised contract amount	<u>\$1,444,553.05</u>

CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0013428, CRENSHAW BOULEVARD, ET AL. (in the vicinity of Gardena), Supervisorial District 2, Contractor: All American Asphalt

Project Description:

Resurfacing of roadway pavement; reconstruction of curb, gutter, sidewalk, and driveways; construction of curb ramps and bus pads; installation of landscaping and irrigation system; and modification of traffic signals.

Changes in Work:

(1) Additional Work to Preserve Existing Trees	\$39,404.50
(2) Install Water Meter	2,000.00
(3) Delay Due to Damaged Equipment	6,000.00
(4) Remove and Replace Chainlink Fence	<u>12,187.50</u>
Total	<u>\$59,592.00</u>

Description of Changes:

(1) Your Board previously approved a change in work for additional work to preserve existing trees along Manhattan Beach Boulevard adjacent to Alondra Park. The cost for this work will exceed the original estimate by the amount shown.

(2) It will be necessary to reimburse the contractor for fees paid to the Metropolitan Water District to install a water meter required for the new irrigation system along Manhattan Beach Boulevard.

(3) During cold milling, the contractor struck a manhole and damaged his equipment. Since the manhole was not shown on the plans and was covered with asphalt concrete pavement, it will be necessary to compensate the contractor for lost time and equipment repair.

(4) Due to a prior commitment to the El Camino Village Community Association, it will be necessary to place 60" high fence along the Manhattan Beach Boulevard median.

A portion of the cost for Item 1 will be based on contract unit prices. The balance of the cost for Item 1 and the cost for Item 4 were negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fourteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$657,379.05
Changes in work previously approved by the Board	100,310.00
Changes in work to be authorized	<u>59,592.00</u>
Revised contract amount	<u><u>\$817,281.05</u></u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0013657, SADDLE PEAK ROAD (in the vicinity of Malibu),  
Supervisory District 3, Contractor: Sully-Miller Contracting Company.

Project Description:

Resurfacing and reconstruction of roadway pavement and reconstruction of guardrail.

Changes in Work:

Variations in Bid Quantities	\$11,100.00
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Description of Changes:

The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities. The cost for these changes will be based on contract unit prices.

Five additional working days will be required because of these change.

Revised Contract Amount:

Original contract amount	\$556,785.61
Changes in work previously approved by the Board	32,600.00
Changes in work to be authorized	<u>11,100.00</u>
Revised contract amount	<u>\$600,485.61</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RDC0014008, TOWNSEND AVENUE (in the vicinity of East Los Angeles), Supervisorial District 1, Contractor: Sully Miller Contracting Company

Project Description:

Roadway reconstruction; reconstruction of curb, gutter, sidewalk, and driveways; furnishing and installing street lights; traffic signal relocation; root pruning, removal, and planting of trees.

Change in Work:

Upgrade Traffic Signal	\$18,750.00
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Description of Change:

To meet the intent of the plans, it will be necessary to upgrade existing traffic signal conduits, conductors, and pullboxes at the intersection of Townsend Avenue and 1st Street. The cost for this change will be partially based on time and materials methods as provided in Subsection 3-3 of the contract specifications and partially based on the contract unit prices.

Ten additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$201,235.00
Change in work to be authorized	<u>18,750.00</u>
Revised contract amount	<u>\$219,985.00</u>

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CHANGE IN WORK (AUTHORIZE)  
December 31, 2002

PROJECT ID NO. RMD3467011, ROAD DIVISION 432 RESURFACE, 2002  
(in the vicinity of Rancho Palos Verdes), Supervisorial District 4,  
Contractor: All American Asphalt

Project Description:

Resurfacing and reconstruction of roadway pavement and reconstruction of curb, gutter, sidewalk, and driveways.

Changes in Work:

(1) Cold Mill and Resurface Roadway	\$ 7,000.00
(2) Remove Box Culverts	8,850.00
(3) Additional Concrete Improvements	17,000.00
(4) Repair Connector Pipe	3,500.00
(5) Concrete Removal and Slurry Backfill	28,500.00
(6) Increase in Pavement Quantities	<u>111,500.00</u>
Total	<u>\$176,350.00</u>

Description of Changes:

(1) The City of Rolling Hills requested that portions of Chadwick Lane and Academy Drive within the city be cold milled and paved. The City will pay for this work.

(2) It will be necessary to remove two abandoned box culverts not shown on the plans that were encountered during bus pad construction at the intersection of 3rd Street and Bandini Street.

(3) Additional deterioration of concrete curbs, gutter, and sidewalk has occurred since the plans were prepared. Also, several additional bus pads are required. In order to construct these improvements economically and efficiently, they should be included in this contract.

(4) During construction of the bus pad at the southwest corner of 1st Street and Bandini Street, a deteriorated 12" storm drain connector pipe was encountered. It will be necessary to replace the damaged portions of the pipe.

(5) During construction of bus pads at various locations, concrete pavement was discovered beneath the existing asphalt pavement. It will be necessary to compensate the contractor for its removal. In addition, slurry backfill will be required at all bus pad locations on the project.

(6) Some of the streets included in the contract are wider than shown on the plans. In addition, the resurfacing of Sunnyridge Road will be added to the project. This will increase the quantity of asphalt concrete pavement required to complete the resurfacing.

The costs for Items 1 and 6 will be based on contract unit prices. The cost for Items 2 through 4 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. A portion of the cost for Item 5 will be based on contract unit prices with the remainder being negotiated as provided in Subsection 3-2 of the contract specifications.

Seven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,301,694.86
Changes in work to be authorized	<u>176,350.00</u>
Revised contract amount	<u>\$1,478,044.86</u>

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